

**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/27/2017 04/27/2017	Sterling York

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>2</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2103_01_s_2012_2				
Comment Code					
Inspector Comment					
LMA regularly attends flood fight training put on by RD784 and DWR.					

No Photos

LM Start	<b>0.00</b>	Rating **	A	Issue No.	<b>5</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD2103_01_s_2013_5				
Comment Code					
Inspector Comment					
The manuals are located at Tom Englers office.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 South Dry Creek	Left	4.64	04/27/2017 04/27/2017	Sterling York

LM Start	0.00	Rating **	A	Issue No.	6		
LM End	0.00	Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Emergency Supplies & Equipment				o		o
					o		o
DWR ID	DWR_RD2103_01_s_2013_6						
Comment Code							
Inspector Comment							
LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland.							

No Photos

LM Start	0.01	Rating **	U	Issue No.	24
LM End	1.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019839 °	39.029682 °
				-121.453890 °	-121.423938 °
DWR ID	DWR_RD2103_01_s_2017_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_10\_24\_20170428\_00044.jpg



View looking downstream of annual vegetation that needs to be maintained, Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 South Dry Creek	Left	4.64	04/27/2017 04/27/2017	Sterling York

LM Start	0.01	Rating **	U	Issue No.	25
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019839 °	39.029682 °
				-121.453890 °	-121.423938 °
DWR ID	DWR_RD2103_01_s_2017_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_10\_25\_20170428\_00043.jpg



View looking downstream of annual vegetation that needs to be maintained, Spring 2017.

LM Start	0.20	Rating **	M	Issue No.	23
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.020856 °	39.020938 °
				-121.450629 °	-121.450237 °
DWR ID	DWR_RD2103_01_f_2015_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
No animal activity observed, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_10\_23\_20170316\_00007.jpg



View of squirrel holes on the waterside looking downstream. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/27/2017 04/27/2017	Sterling York

LM Start	0.82	Rating **	A/W	Issue No.	36
LM End	0.82	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.024811 °	39.024811 °
				-121.440750 °	-121.440750 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38325					
DS_ID:19471					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 14.4 feet below the crown. Concrete headwall, flap-gate and 3x6-foot concrete splash apron at waterward toe. Outfall drain from old Grasshopper Slough. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.83).					
FS Date: 3/20/2014					

Photo 1 of 3 : UCIP\_SP\_2017\_38325\_69869.jpg



View of CMP crossing located on landward side.

LM Start	<b>0.82</b>	Rating **	A/W	Issue No.	<b>36 (cont)</b>
LM End	<b>0.82</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP\_SP\_2017\_38325\_69868.jpg



Close up view of crossing from landward side.

\* Location  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

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LM Start	0.82	Rating **	A/W	Issue No.	36 (cont)	
LM End	0.82	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.024811 °	39.024811 °	
				-121.440750 °	-121.440750 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38325						
DS_ID:19471						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 36-inch CM drainpipe through the levee, 14.4						
feet below the crown. Concrete headwall, flap-gate and 3x6-foot						
concrete splash apron at waterward toe. Outfall drain from old						
Grasshopper Slough. (USACE-1962). This entry matches the Drainage						
or Irrigation Structure referenced in O&M manual (HLM 0.83).						
FS Date: 3/20/2014						

Photo 3 of 3 : UCIP\_SP\_2017\_38325\_69873.jpg



View of levee crown at crossing.

LM Start	1.27	Rating **	N	Issue No.	26
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.027261 °	39.027261 °
				-121.433269 °	-121.433269 °
DWR ID	DWR_RD2103_01_s_2016_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump needs to be removed fom slope. Fall 2016.					

Photo 1 of 1 : SP\_2017\_RD2103\_10\_26\_20170316\_00008.jpg



View of tree stump on landside levee slope. Fall 2016.

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Unit No. 01 South Dry Creek	Left	4.64	04/27/2017 04/27/2017	Sterling York

LM Start	1.86	Rating **	A	Issue No.	19
LM End	4.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.029689 °	39.041419 °
				-121.423792 °	-121.394391 °
DWR ID	DWR_RD2103_01_s_2017_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation that is well maintained, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_10\_19\_20170428\_00045.jpg



View looking downstream of annual vegetation that is well maintained, Spring 2017.

LM Start	1.87	Rating **	A	Issue No.	21
LM End	4.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.029689 °	39.041414 °
				-121.423769 °	-121.394389 °
DWR ID	DWR_RD2103_01_s_2017_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation that is well maintained, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_10\_21\_20170428\_00046.jpg



View looking downstream of annual vegetation that is well maintained, Spring 2017.

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+ Issue Type  
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## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

### Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/27/2017 04/27/2017	Sterling York

LM Start	0.01	Rating **	M	Issue No.	14
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993483 °	39.009338 °
				-121.437133 °	-121.397304 °
DWR ID	DWR_RD2103_02_f_2016_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_11\_14\_20170428\_00031.jpg



View looking upstream of the annual vegetation that needs to be maintained, Spring 2017.

LM Start	0.01	Rating **	M	Issue No.	15
LM End	2.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993483 °	39.009339 °
				-121.437133 °	-121.397300 °
DWR ID	DWR_RD2103_02_f_2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_11\_15\_20170428\_00032.jpg



View looking upstream of the annual vegetation that needs to be maintained, Spring 2017.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/27/2017 04/27/2017	Sterling York

LM Start	2.59	Rating **	M	Issue No.	24
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009249 °	39.009249 °
				-121.397334 °	-121.397334 °
DWR ID	DWR_RD2103_02_s_2015_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	2.59	Rating **	A	Issue No.	13
LM End	2.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009335 °	39.010327 °
				-121.397305 °	-121.396597 °
DWR ID	DWR_RD2103_02_s_2017_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Well maintained annual vegetation, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_11\_13\_20170428\_00033.jpg



View looking upstream of the annual vegetation that is well maintained, Spring 2017.

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Unit No. 02 Bear River	Right	4.88	04/27/2017 04/27/2017	Sterling York

LM Start	2.60	Rating **	A	Issue No.	12
LM End	2.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009348 °	39.010327 °
				-121.397312 °	-121.396597 °
DWR ID	DWR_RD2103_02_s_2017_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Well maintained annual vegetation, Spring 2017.					

Photo 1 of 1 : SP\_2017\_RD2103\_11\_12\_20170428\_00034.jpg



View looking upstream of the annual vegetation that is well maintained, Spring 2017.

LM Start	2.67	Rating **	M	Issue No.	16
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.010327 °	39.031767 °
				-121.396597 °	-121.366792 °
DWR ID	DWR_RD2103_02_s_2017_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2017.					

No Photos

\* Location  
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WS : Water Side  
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Unit No. 02 Bear River	Right	4.88	04/27/2017 04/27/2017	Sterling York

LM Start	2.67	Rating **	M	Issue No.	19
LM End	4.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.010327 °	39.031767 °
				-121.396597 °	-121.366792 °
DWR ID	DWR_RD2103_02_s_2017_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation needs to be maintained, Spring 2017.					

No Photos

**\* Location**  
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Ma : Maintenance Deficiency  
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